

General Architecture

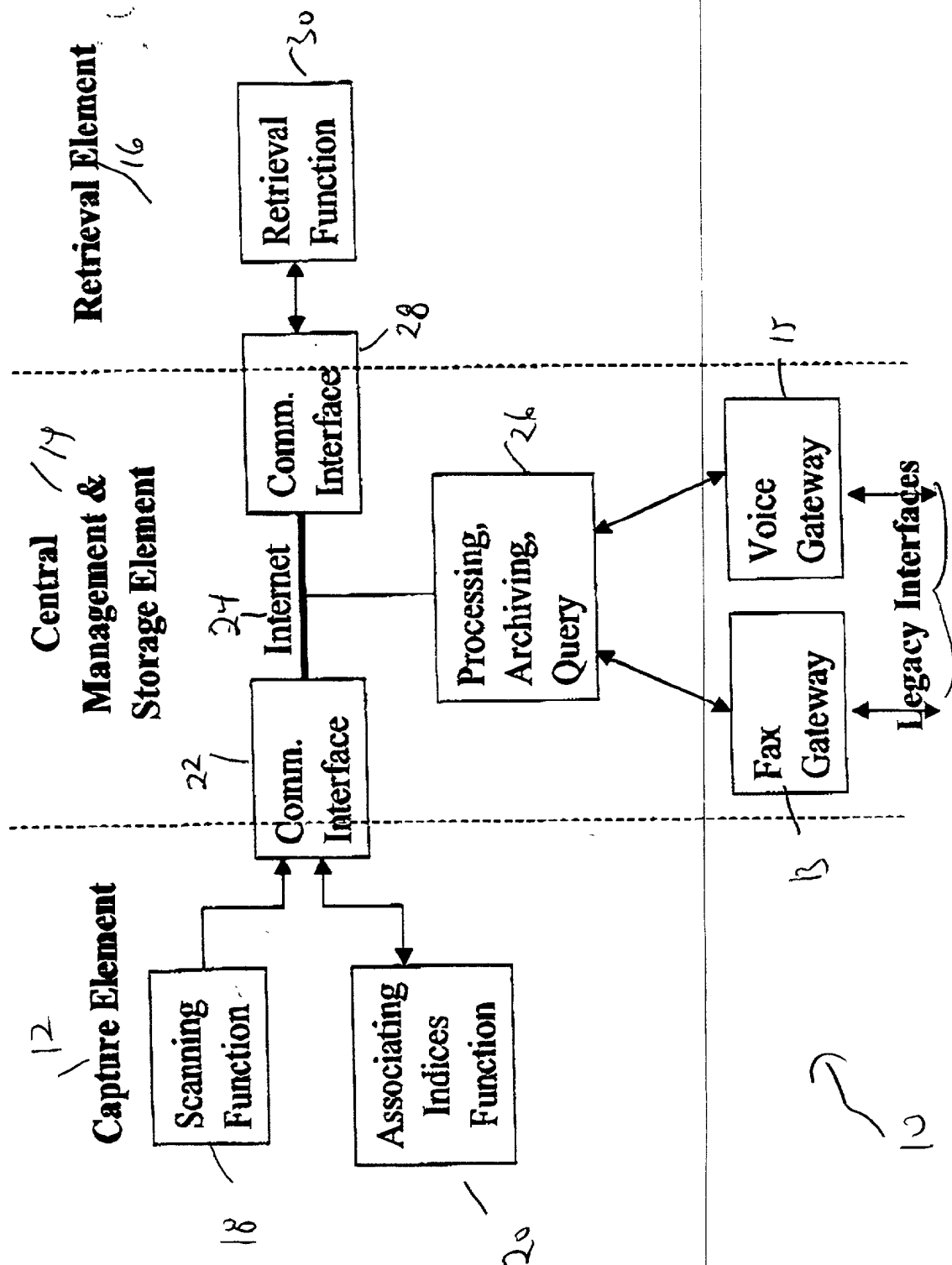


FIG. 1

Scanning Schemes

FIG. 2A



FIG. 2B

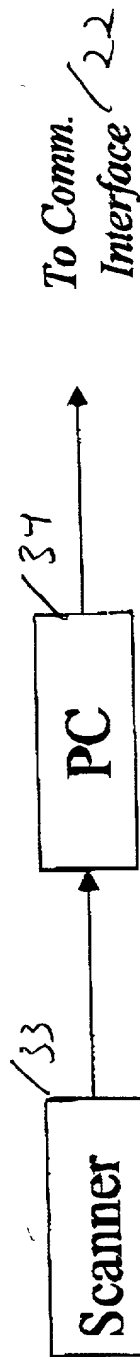


FIG. 2C



FIG. 2D

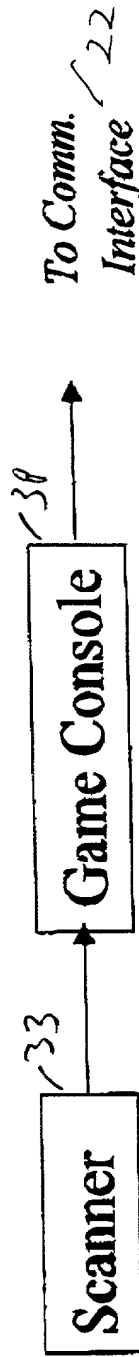


FIG. 2E

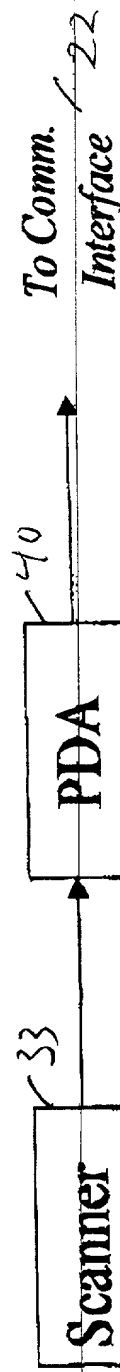


FIG. 2F

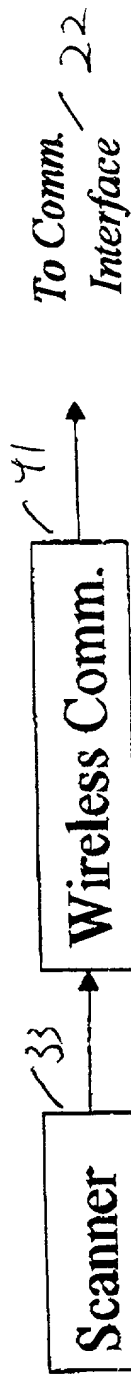
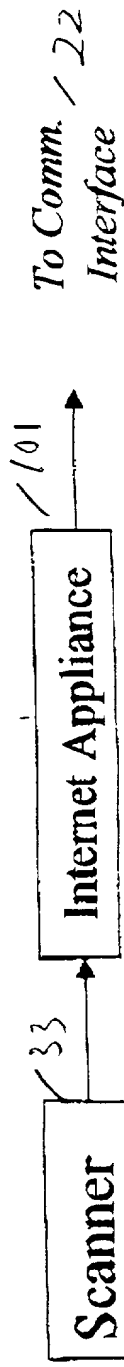


FIG. 2G



Embedded Appliance

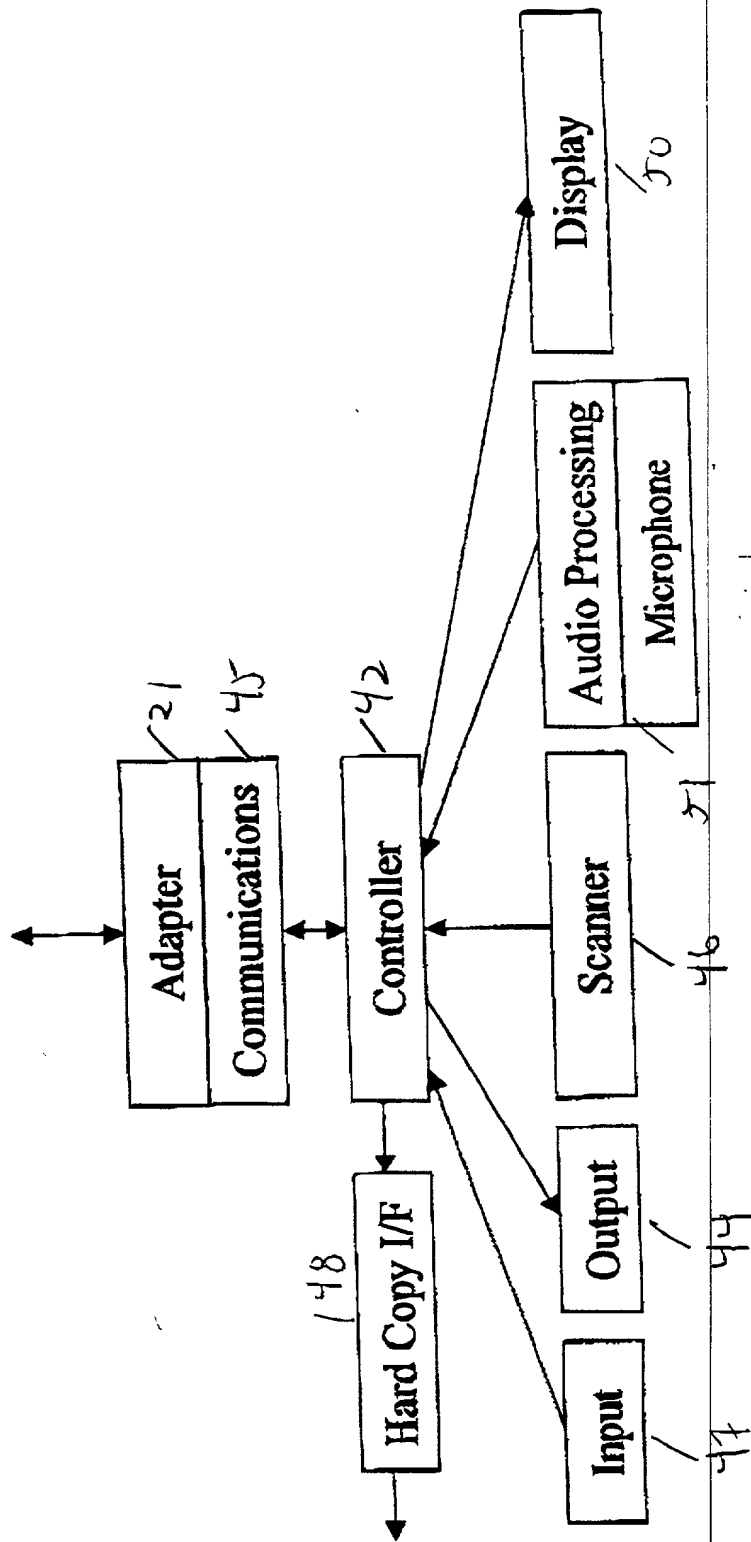


FIG. 3

Schemes for Associating Indices

Typical Implementation – Embedded Data

P/O Central Management & Storage

Keywords

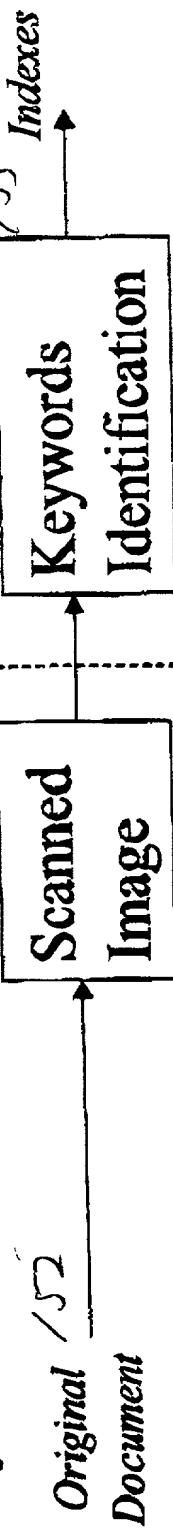


FIG. 4A

Highlighting

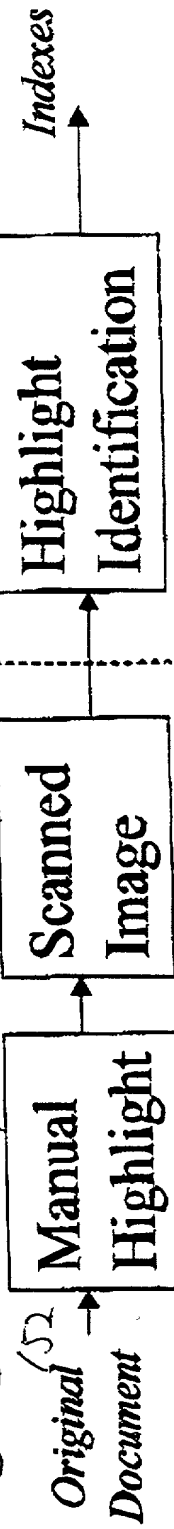


FIG. 4B

Location

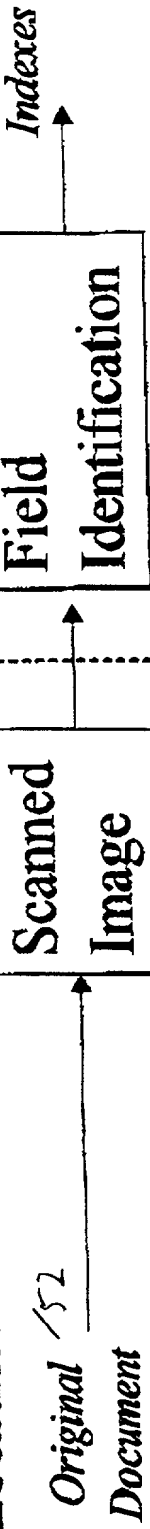


FIG. 4C

Schemes for Associating Indices

Typical Implementation – Auxiliary Data (1)

Manual Keying

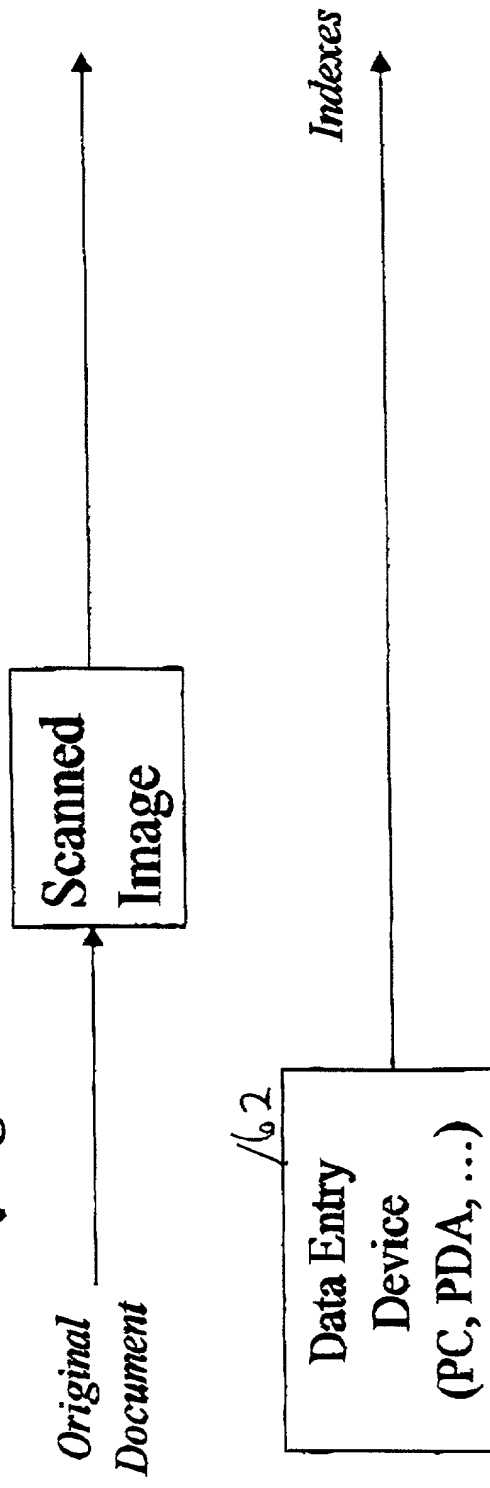


FIG-5A

Schemes for Associating Indices

Typical Implementation – Auxiliary Data (2)

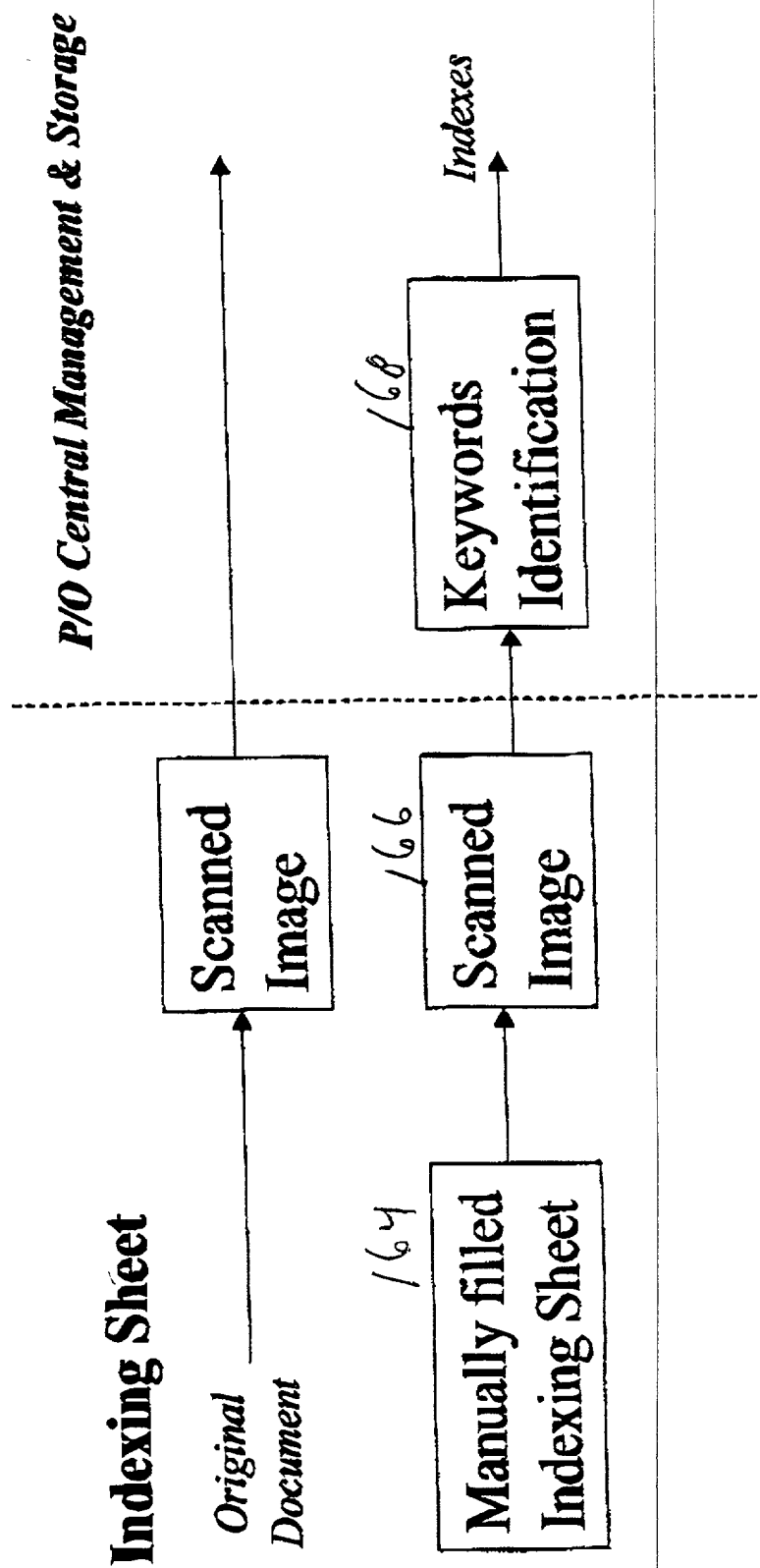


FIG. 8B

Schemes for Associating Indices

Typical Implementation – Auxiliary Data (3)

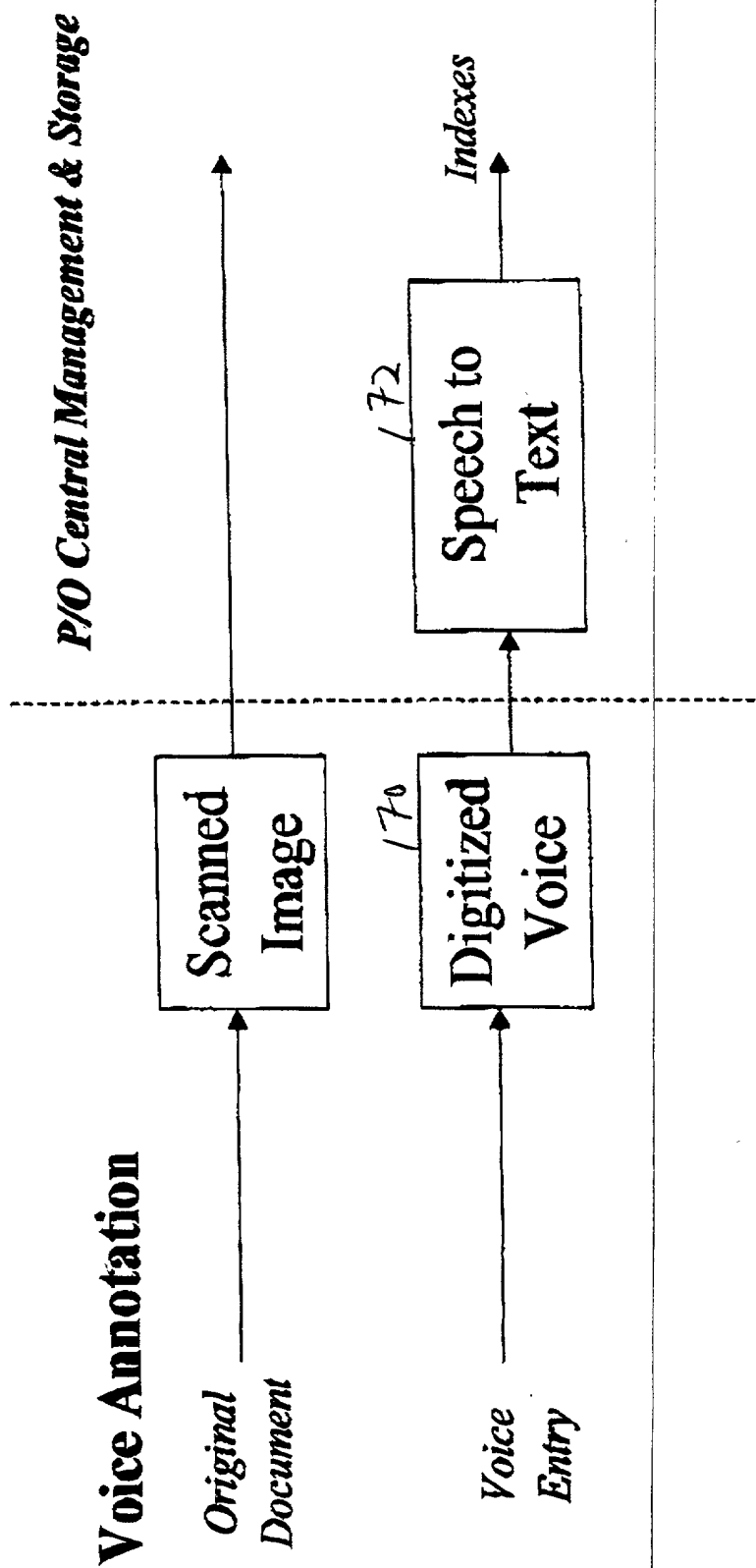


FIG 5C

Schemes for Associating Indices

Typical Implementation – Menu Driven

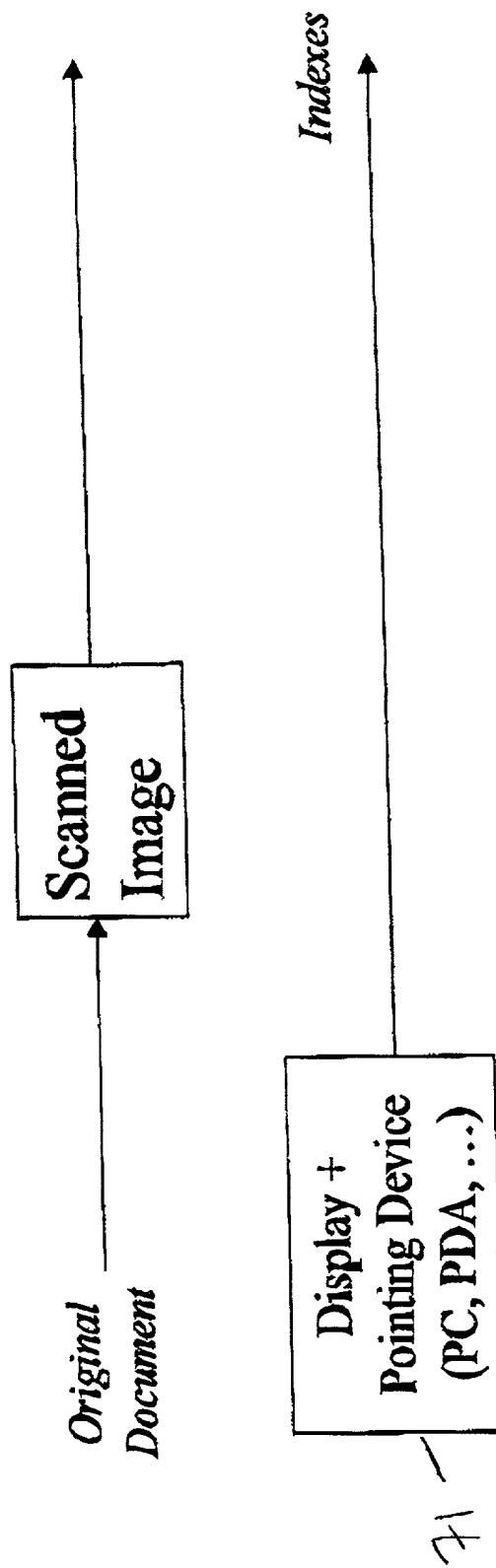


FIG. 6

Schemes for Associating Indices

Typical Implementation - Off Line

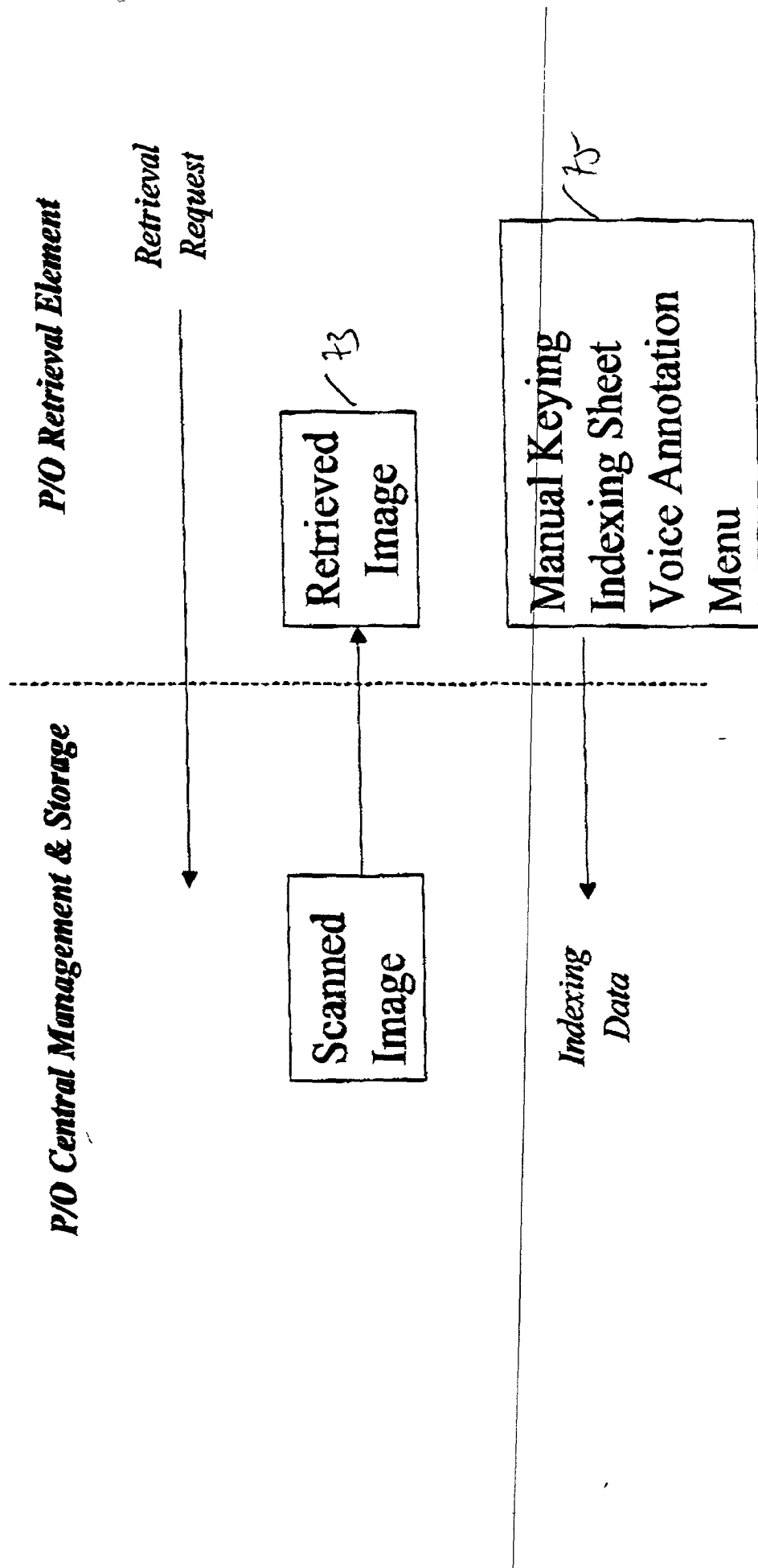


FIG. 7

Retrieval Process

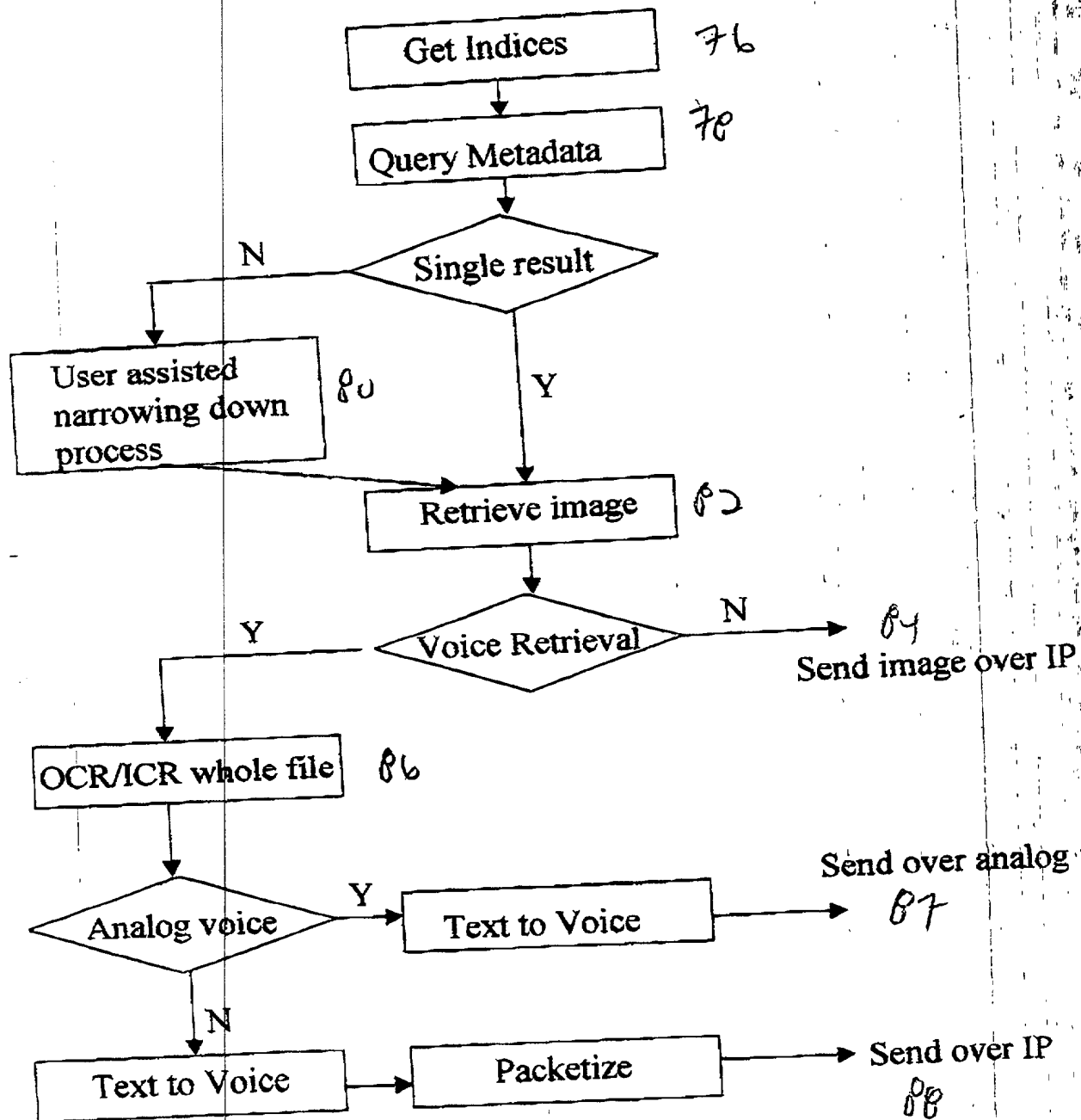


FIGURE 8

Retrieval Schemes

